



China Advanced Spontaneous Respiratory Anaesthesia Uniport- VATS Segmentectomy Virtual CoE



Telementoring Event | ZOOM Platforms
April 25th, 2023 (8:00 - 9:55 AM CET)

Agenda

Session #1

April 25th, 2023

**First Affiliated Hospital of Guangzhou Medical University
Guangzhou, China**

Leading Faculty: Prof. Jianxing He, MD, PhD

Spontaneous Respiratory Anaesthesia VATS Segmentectomy

08:00 CET	Welcome	Prof.Jianxing He
08:05 CET	Department & Surgeons Introduction	Prof.Jianxing He & Prof.Shuben Li & EMEA surgeons
08:20 CET	Case Introduction	Prof. Shuben Li
08:30 CET	Live Surgery, Case #1: SRA Uniport-VATS Segmentectomy	Prof.Jianxing He & Team Moderator: TBD
09:40 CET	Case Review & Discussion	Prof.Jianxing He, All
09:55 CET	Wrap-Up	Prof.Jianxing He

Leading Faculty



Prof. Jianxing He, MD, PhD

The First Affiliated Hospital of Guangzhou Medical University,
Guangzhou, China

- Has been surgeon for 35+ years, has obtained more than 20 international “firsts” both in the Asia Pacific region and in China
 - Dean of Guangzhou Institute of Respiratory Health, Deputy director of National Clinical Research Centre for Respiratory Disease, Director of Department of Thoracic Surgery, Academic Leader of Department of Oncology, Department of Transplantation
 - Specialty: MIS for lung cancer, Lung & Heart Transplant surgery
 - Academic appointments, research, publications and patents mainly related to lung cancer treatment and lung & heart transplantation
 - membership in multiple international professional societies
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Since the first VATS lobectomy was performed in 1994 and the first Tubeless of it was done in 2011 in the First Affiliated Hospital of Guangdong Medical University, tens of thousands of lung surgeries as of now (including lobectomy, segmentectomy, sleeve resection, tracheal reconstruction, etc.) have been completed under the guidance of Professor He Jianxing.

Professor He Jianxing and his team combine high-tech with emerging scientific and technological equipment in thoracic surgery, such as tubeless, uniportal thoracoscopic technology and “glassless” 3D, to bring segmentectomy to the next level. Thanks to the application of those technologies, VATS and anesthesia are more minimally invasive. After all, patients benefit most from that, most of them can recover after surgery within 24 hours. That’s why some thoracic surgeries are named day surgeries in this hospital.

Professor He Jianxing independently developed the world's first AI positioning and “glassless”3D real-time display system to make lung cancer resection more accurate than ever before. Preoperative planning was performed by CT-guided lung surface injection, electromagnetic navigation bronchoscopic injection, and “glassless” 3D position. After that, by using advanced surgical devices from Johnson & Johnson, such as, ultrasound knife (HD1000i or Harmonic ACE + 7 shears) and stapler combined with GST technology reload, lung tissues and lymph nodes are removed precisely, and the intersegmental plane cut has lower risks of air leakage with smoother anastomotic stoma and more stretched wound surface. Meanwhile, handling pulmonary vessels becomes more flexible and effortless with the help of Powered Vascular Stapler.

Logistics

Course Venue

ZOOM Platform – login details will be provided to participants upon registration